

Task 9: Backing up and recovery in database

Perform following backup and recovery scenarios.

- Recovering a NOARCHIVELOG Database with Incremental Backups.
- Restoring the Server ~~Parameter~~ Parameter File
- Performing Recovery with a Backup Control File.

~~Scenario 3: Performing Recovery with a Backup Control File.~~

Scenario 2: Restoring the Server Parameter File

- Step 1: Backup SPFILE

BACKUP SERVER PARAMETER FILE TO FILE = 'spfile.bak'

- Step 2: Simulate SPFILE Loss

Delete or modify SPFILE

- Step 3: Restore SPFILE

Startup MOUNT

RESTORE SERVER PARAMETER FILE FROM FILE =

'spfile.bak';

SHUTDOWN

STARTUP.

Scenario 3: Performing Recovery with a Backup Control File.

- Step 1: Backup Control File

BACKUP CONTROLFILE TO FILE = 'controlfile.bak';

- Step 2: Simulate Control File Loss

Delete or modify control file.

- Step 3: Restore Control File.

STARTUP MOUNT

RESTORE CONTROLFILE FROM FILE = 'controlfile.bak';

ALTER CONTROLFILE ~~USE~~ REUSE.

- Step 4: Recover Database.

RECOVER DATABASE USING BACKUP CONTROLFILE;

- Step 5: Open Database.

~~RECOVER DATABASE USING BACKUP CONTROLFILE~~

ALTER DATABASE OPEN RESETLOGS;

SQL Server Commands:

- BACKUP DATABASE

- RESTORE DATABASE

- RECOVER DATABASE

- ALTER DATABASE

- BACKUP SERVER PARAMETER FILE

- RESTORE SERVER PARAMETER FILE

- BACKUP CONTROLFILE

- RESTORE CONTROLFILE

